

## PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	AZ02-011WODA
I	Title of invention	DUAL CAPACITY COMPRESSOR
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	LG ELECTRONICS INC.
II-5	Address:	20, Yoido-dong, Youngdungpo-gu, 150-721 Seoul Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-55-260-3823
II-9	Facsimile No.	82-55-260-3507
II-10	e-mail	schrodinger@lge.com
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KIM, Jong Bong
III-1-5	Address:	105-1201, Hyundai APT. 3-1, Banlim-dong, Changwon-si 641-180 Gyeongsangnam-do Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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III-2	Applicant and/or inventor	applicant and inventor
III-2-1	This person is:	US only
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	KIM, Hee Hyun
III-2-5	Address:	402, Sinpung Villa 2-cha 988-10, Namsan-dong, Geumjeong-gu 609-340 Busan-si Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	Applicant and/or inventor	applicant and inventor
III-3-1	This person is:	US only
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	BAE, Young Ju
III-3-5	Address:	106-503, Daedong APT. Sangnam-dong, Changwon-si 641-010 Gyeongsangnam-do Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	Applicant and/or inventor	applicant and inventor
III-4-1	This person is:	US only
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	ROH, Chul Gi
III-4-5	Address:	123-2204, Daedong APT. 44-1, Sangnam-dong, Changwon-si 641-010 Gyeongsangnam-do Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	BAHNG, Hae Cheol
IV-1-2	Address:	KIMS INTERNATIONAL PATENT & LAW OFFICE 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu 135-080 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-3453-6701
IV-1-4	Facsimile No.	82-2-557-3404
IV-1-5	e-mail	webmaster@kimsintl.co.kr

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IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	KIM, Yong In
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH/PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
V-5	Precautionary Designation Statement  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	20 December 2003 (20.12.2003)
VI-1-2	Number	10-2003-0094245
VI-1-3	Country	KR

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VI-2	Priority claim of earlier national application		
VI-2-1	Filing date	20 December 2003 (20.12.2003)	
VI-2-2	Number	10-2003-0094246	
VI-2-3	Country	KR	
VI-3	Priority claim of earlier national application		
VI-3-1	Filing date	20 December 2003 (20.12.2003)	
VI-3-2	Number	10-2003-0094247	
VI-3-3	Country	KR	
VI-4	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2, VI-3	
VII-1	International Searching Authority Chosen	Austrian Patent Office (ISA/AT)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	34	-
IX-3	Claims	9	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	27	-
IX-7	TOTAL	76	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	16A	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	BAHNG, Hae Cheol	



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X-2	Signature of applicant, agent or common representative	
X-2-1	Name (LAST, First)	KIM, Yong In 

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application.	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AT
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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## PCT (ANNEX - FEE CALCULATION SHEET)

AZ02-011WODA

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only		
0-1	International Application No.		
0-2	Date stamp of the receiving Office		
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)	
0-9	Applicant's or agent's file reference	AZ02-011WODA	
2	Applicant	LG ELECTRONICS INC., et al.	
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee T	⇒	45,000
12-2-1	Search fee S	⇒	222,000
12-2-2	International search to be carried out by	AT	
12-3	International fee		
	Basic fee (first 30 sheets) b1	530,000	
12-4	Remaining sheets	46	
12-5	Additional amount (X)	12,000	
12-6	Total additional amount b2	552,000	
12-7	b1 + b2 = B	1,082,000	
12-8	Designation fees		
	Number of designations contained in international application	98	
12-9	Number of designation fees payable (maximum 5)	5	
12-10	Amount of designation fee (X)	114,000	
12-11	Total designation fees D	570,000	
12-12	PCT-EASY fee reduction R	-163,000	
12-13	Total International fee (B+D-R) I	⇒	1,489,000
12-14	Fee for priority document		
	Number of priority documents requested	1	
12-15	Fee per document (X)	0	
12-16	Total priority document fee P	⇒	0
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	1,756,000
12-19	Mode of payment	cash	

VALIDATION LOG AND REMARKS